



U.S. Department
of Transportation

Research and
Special Programs
Administration

IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE NUMBER USA/0115/S, REVISION 8

400 Seventh Street, S.W.
Washington, D.C. 20590

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency¹ and the United States of America² for the transport of radioactive materials.

1. Source Identification - Gulf Nuclear, Inc. Model VL-1
2. Source Description - The source is a doubly encapsulated steel-welded capsule of Type 304 or 17-4 stainless steel measuring 3.2 mm (0.125") to 12.7 mm (0.5") diameter and 6.35 mm (0.25") to 19.05 mm (0.75") in length. The source is manufactured in accordance with Gulf Nuclear, Inc. Drawing No. D-13-X (attached). Sources certified are only those manufactured by Gulf Nuclear, Inc.
3. Radioactive Contents - This source consists of not more than 37 GBq (1 Ci) of Am-241 oxide in beryllium metal powder, Cs-137 in the form of cesium chloride, or a combination source of Am-241 oxide in beryllium metal powder and Cs-137 as cesium chloride.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 209 of the IAEA regulations¹ shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors and consignees in the United States exporting or importing shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires August 22, 2002.

1 "Safety Series No. 6, Regulations for the Safe Transport of Radioactive Materials, 1985 Edition, as amended 1990", published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

2 Title 49, Code of Federal Regulations, Parts 100 - 199, United States of America.

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This certificate is issued in accordance with paragraph 703 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the petition and information dated July 7, 1997 and July 8, 1997 submitted by CPN International Inc., Martinez, CA, and in consideration of other information on file in this Office.

Certified by:

BA 

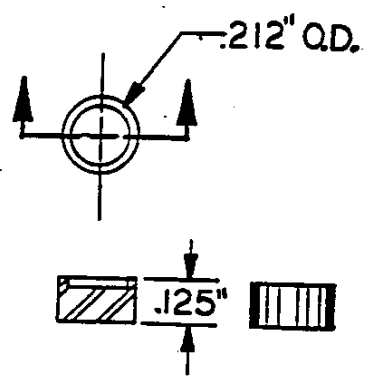
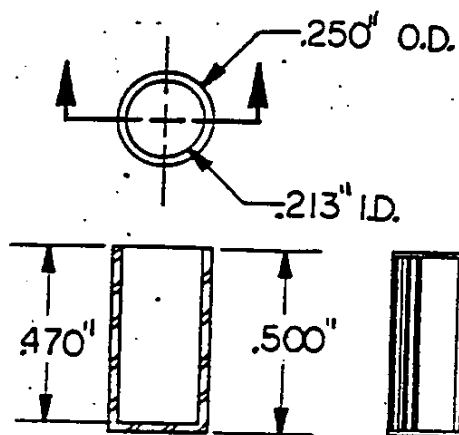
Alan I. Roberts

Associate Administrator for Hazardous Materials Safety

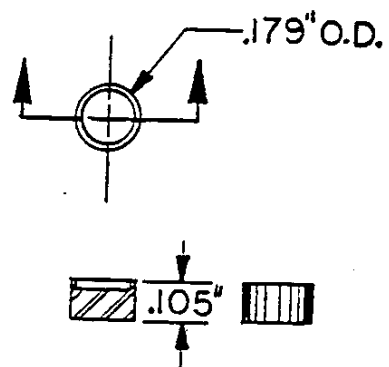
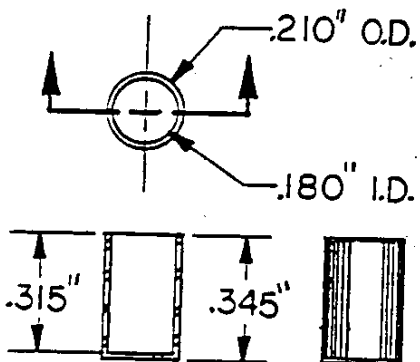
SEP - 8 1997

(DATE)

Revision 8 - Issued to update to the 1985 IAEA regulations and to extend the expiration date.



OUTER CAPSULE AND LID



INNER CAPSULE AND LID

(78)

REVISIONS			GULF NUCLEAR, INC.		
NO.	DATE	BY			
1			VL-1 CAPSULE		
2					
3			DRAWN BY MPA	SCALE 2X1	MATERIAL S.S.
4			CHK'D	DATE 4-8-82	DRAWING NO.
5			TRACED	APP'D	D-13-X